

LISTING OF CLAIMS

*Please amend claims as follows:*

1. (Previously presented) A distributed base station system comprising:
  - a first base band unit (BBU) in communication with a Radio Frequency unit (RFU);
  - wherein the first BBU comprises:
    - a main processing unit;
    - a clock unit;
    - a base band signal processing unit;
    - a transmission unit; and
    - an interface unit;
  - wherein the interface unit is configured to
    - intercommunicate digital base band signals with the base band signal processing unit; and
    - intercommunicate master control information with the main processing unit;
  - wherein the interface unit comprises a primary base band Radio Frequency (RF) interface;
  - wherein the RFU comprises a secondary base band RF interface and the RFU is connected to the primary base band RF interface of the BBU;
  - wherein the distributed base station system further comprises at least a second BBU;
  - and
  - wherein the interface unit of the first BBU further comprises a capacity expansion interface, configured to communicate with the second BBU;
  - wherein the system further comprises an exchange base band (BB) cassette with a plurality of capacity expansion interfaces; the first BBU is connected with a capacity expansion interface of the exchange BB cassette via the capacity expansion interface of the first BBU; and the second BBU is connected with another capacity expansion interface of the exchange BB cassette.
2. (Original) The system according to Claim 1, wherein the primary base band RF interface and the secondary base band RF interface both are high speed digital

interfaces.

3. (Previously presented) The system according to Claim 1, wherein the capacity expansion interface is further configured to transmit the master control information or the base band signals from the first BBU to the second BBU.

4. (Canceled)

5. (Original) The system according to Claim 3, wherein the interface unit further comprises identification interface for marking the type of the base station and the position of the BBU.

6. (Original) The system according to Claim 3, wherein the interface unit further comprises a Dry Contact input interface for expanding the input Dry Contact functions of the base station.

7. (Previously presented) The system according to Claim 3, wherein the first BBU and the second BBU comprise: a master BBU that works in an active state and a standby BBU that works in a standby state.

8. (Canceled)

9. (Previously presented) The system according to Claim 3, wherein the RFU is connected with any one of the first BBU and the second BBU.

10. (Previously presented) The system according to Claim 1, wherein the first BBU and second BBU comprise a slave BBU that works in a slave state.

11-38. (Canceled)

39. (Currently amended) A base band unit (BBU), comprising:

- a main processing unit;
- a clock unit;
- a base band signal processing unit;

a transmission unit; and  
an interface unit;  
wherein the interface unit is configured to  
intercommunicate digital base band signals with the base band signal  
processing unit; and  
intercommunicate master control information with the main processing unit;  
wherein the interface unit comprises a primary base band RF interface,  
configured to connect with a Radio Frequency unit (RFU);  
wherein the interface unit of the BBU further comprises a capacity expansion  
interface, configured to communicate with another BBU via an exchange base band  
(BB) cassette; and  
wherein the BB cassette comprises a plurality of capacity expansion interfaces;  
the ~~first~~ BBU is connected with a capacity expansion interface of the exchange BB  
cassette via the capacity expansion interface of the ~~first~~ BBU; and the ~~second~~ other  
BBU is connected with another capacity expansion interface of the exchange BB  
cassette.

40. (Previously presented) The base band unit according to Claim 39, wherein the  
primary base band RF interface is a high speed digital interface.

41. (Canceled)

42. (Previously presented) The base band unit according to Claim 39, wherein the  
interface unit further comprises an identification interface for marking the type of a  
base station in which the BBU belongs and the position of the BBU.

43-44. (canceled)

45. (Previously presented) The base band unit according to Claim 39, wherein the  
interface unit is further configured to transmit the master control information or the  
base band signals from the BBU to the other BBU.

46. (Previously presented) The base band unit according to Claim 45, wherein the

interface unit further comprises at least one of:

- a reset interface for resetting a base station in which the BBU belongs;
- an identification interface for marking the type of the base station and the position of the BBU;
- a power supply switches for controlling power on and power off for the base station;
- a test interface for connecting the BBU with an external test equipments;
- a signal input interface for receiving external clock signals;
- a Dry Contact input interface for expanding input Dry Contact functions of the base station;
- an electrostatic discharge (ESD) connector; and
- a protect ground (PGND) terminal.

47. (Previously presented) The base band unit according to Claim 45, wherein the capacity expansion interface comprises one or a plurality of capacity expansion interfaces for providing an active/standby switchover control signal.

48. (Previously presented) The base band unit according to Claim 46, wherein the signal input interface comprises a signal input interface for receiving GPS synchronous clock signals and/or a signal input interface for receiving 2M synchronous clock signals.

49. (Previously presented) The base band unit according to Claim 46, wherein the test interface comprises at least one of a 10M test interface for outputting 10M test synchronous clock signals and a transmission time interval (TTI) test interface for outputting TTI signals.

50. (Canceled)

51. (Previously presented) The base band unit according Claim 39, wherein the main processing unit, the clock unit, the base band signal processing unit, the transmission unit and the interface unit are integrated in a BBU cassette.

52. (Previously presented) The system according to Claim 1, wherein the main

processing unit, the clock unit, the base band signal processing unit, the transmission unit and the interface unit are integrated in a BBU cassette.